

SYSTEM, METHOD AND COMPUTER PRODUCT FOR PERFORMING AUTOMATED PREDICTIVE RELIABILITY

Abstract of Disclosure

System, method and computer product for performing automated predictive reliability. A data acquisition component acquires service data for a complex system from a data repository. A statistical analysis component generates a statistical model for the service data. A simulation component predicts the reliability of the complex system according to the statistical model. An alert generation component generates alerts when predicted failures determined by the simulation component exceed predetermined alert criteria. A report generation component generates a summary of the analysis performed in the data acquisition, statistical analysis and alert generation components.

Figures